

## ABSTRACT

SYSTEM FOR PRODUCING DIMERIC PROTEINS BASED ON THE *Escherichia coli* HEMOLYSIN TRANSPORT SYSTEM

5           The system comprises a DNA construct comprising: a) a  
          first nucleic acid sequence containing the nucleotide sequence  
          coding for a product of interest; b) a second nucleic acid  
          sequence containing the nucleotide sequence coding for a  
          dimerization domain; and c) a third nucleic acid sequence  
10           containing the nucleotide sequence coding for *Escherichia coli*  
           $\alpha$ -hemolysin (HlyA) or for a fragment of said protein  
          comprising the recognition signal of the *E. coli* hemolysin  
          (Hly) transport system secretion mechanism. It is applicable  
          in producing recombinant dimeric proteins.